

FIG.1

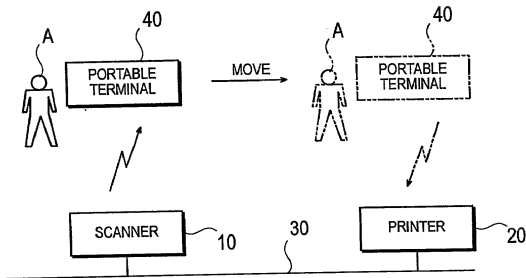
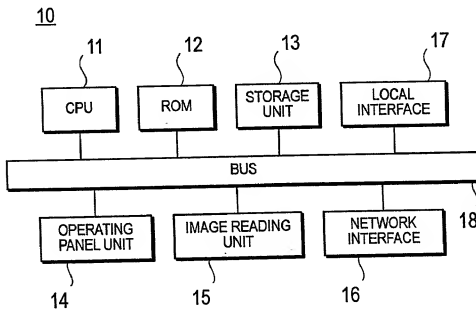


FIG.2



09260-9919660

FIG.3

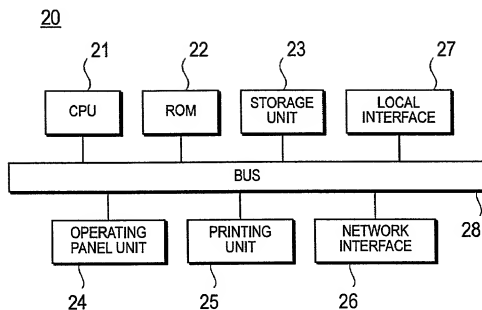
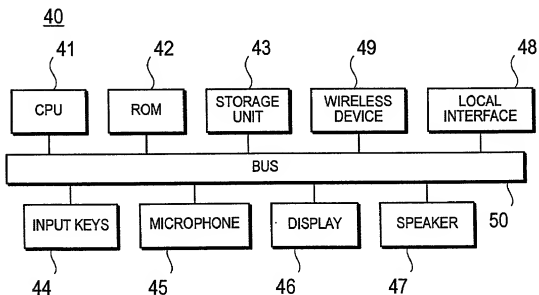
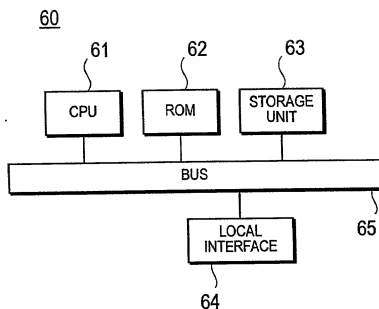


FIG.4



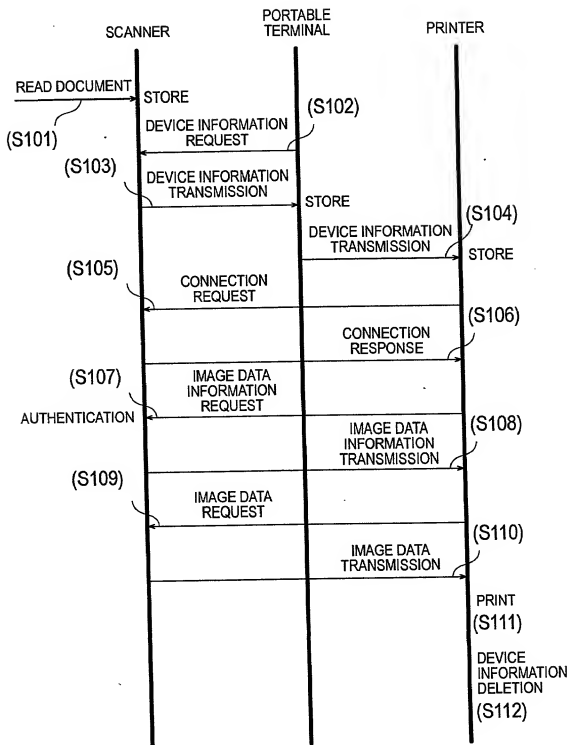
# FIG.5



# FIG.7

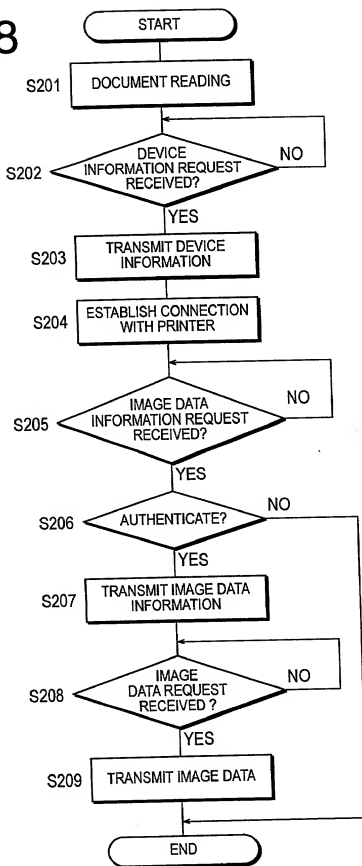
DEVICE NAME	SCANNER 10
IP ADDRESS	100.100.100.100
LOGIN NAME	ABCDEF
PASSWORD	*****
DIRECTORY	PRINTER
. . .	. . .

# FIG. 6



0961263-002501  
105260-93219560

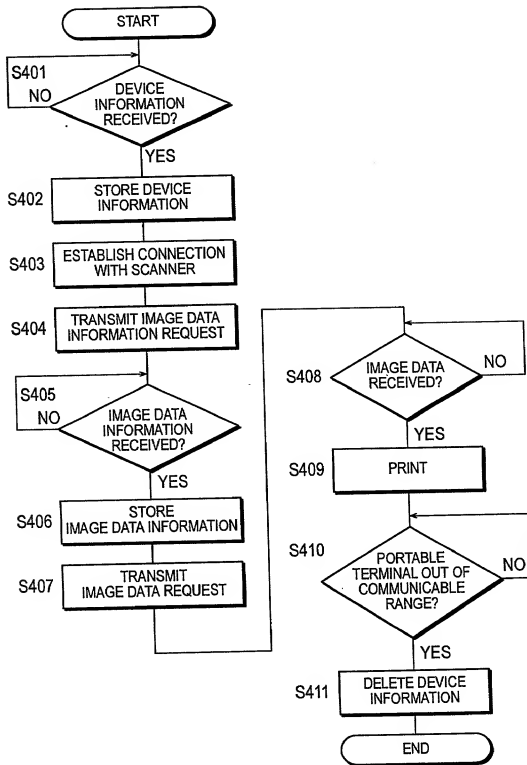
FIG.8



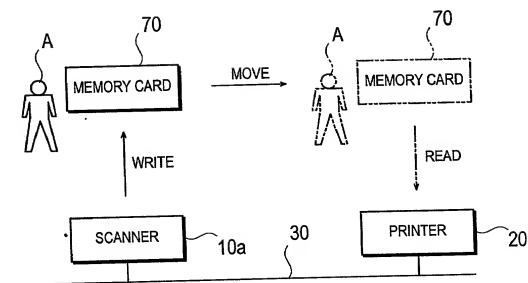
00661363-002501



FIG.10



# FIG.11



# FIG.12

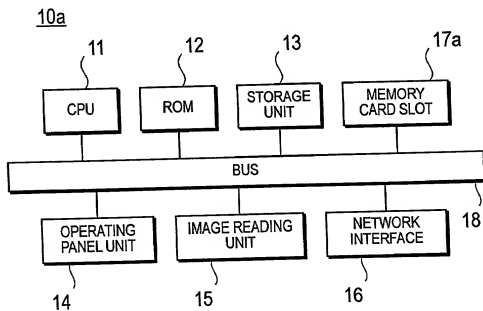
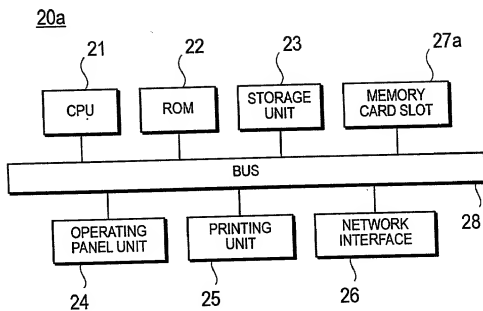
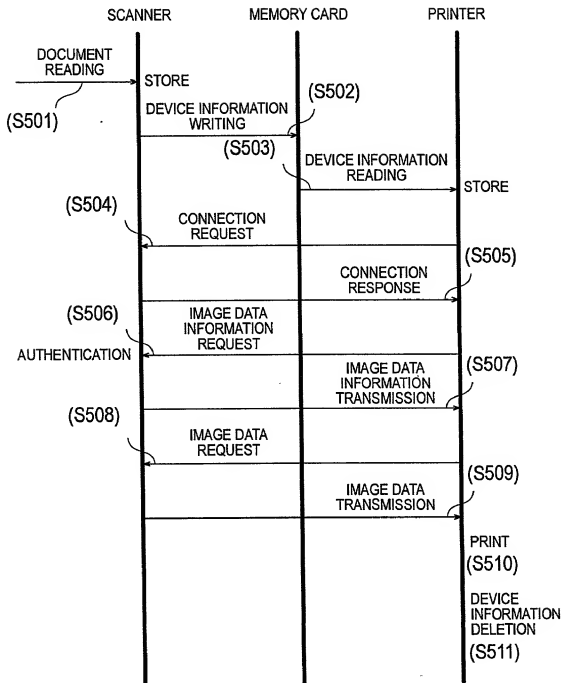




FIG.13

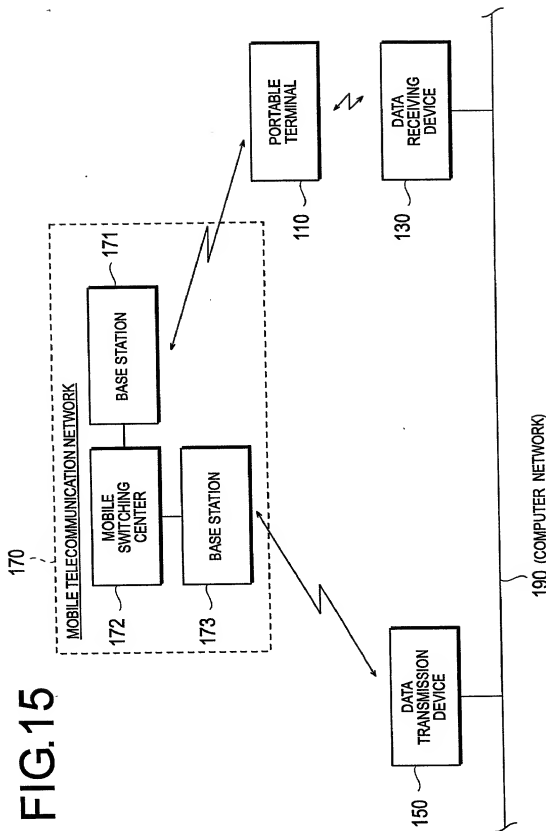


# FIG. 14

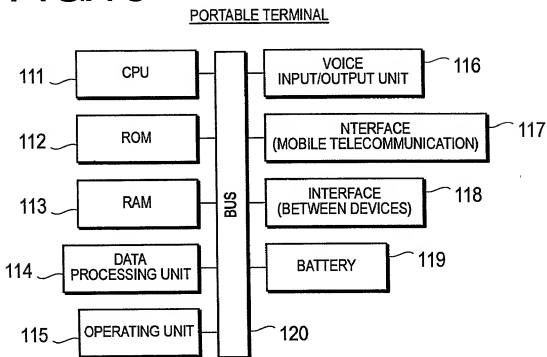


00061363 002501  
105260-29219660

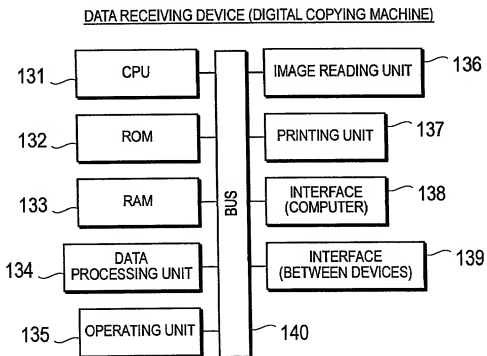
FIG.15



# FIG.16

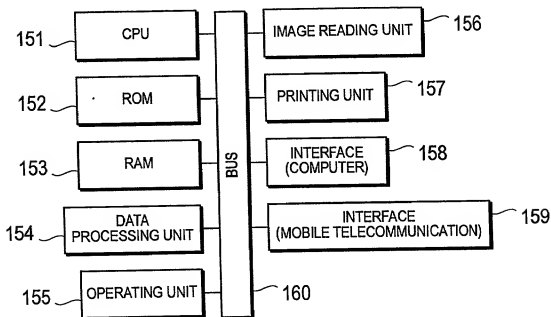


# FIG.17



# FIG.18

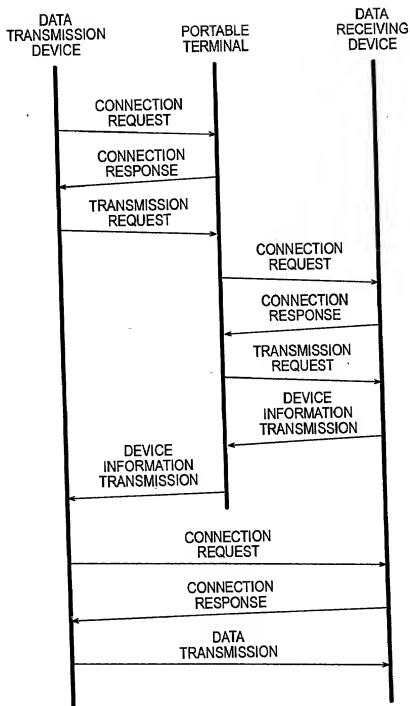
DATA TRANSMISSION DEVICE (DIGITAL COPYING MACHINE)



# FIG.20

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	COLOR/MONOCROMATIC
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B
	PAPER SIZE	A4, A3, LETTER, LEGAL

# FIG.19



0961363-092504  
105260-2811960

FIG.21

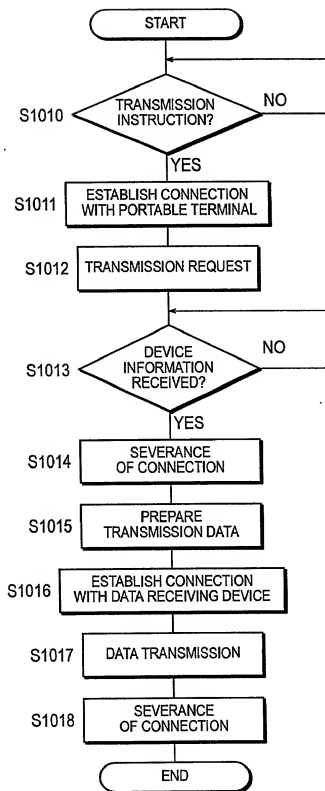


FIG.22

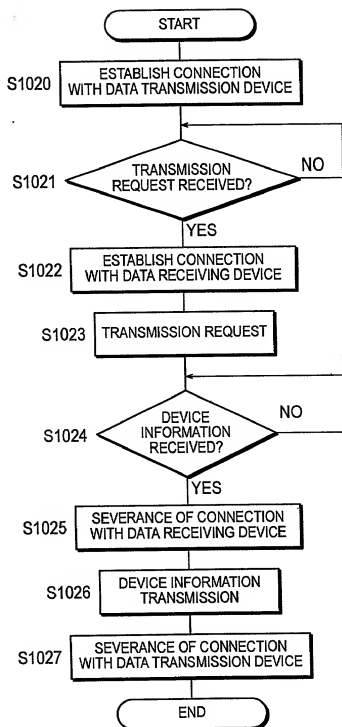
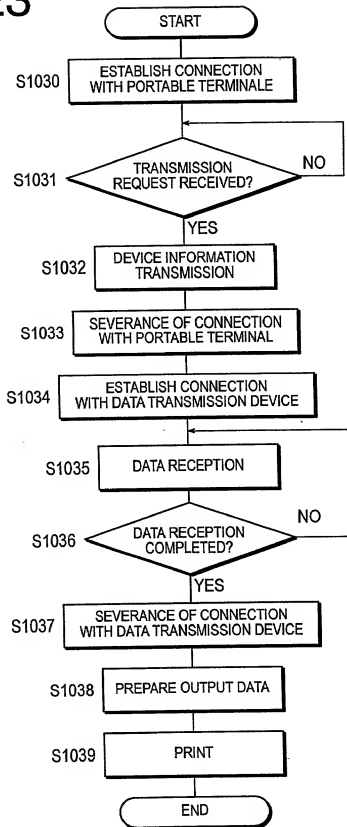
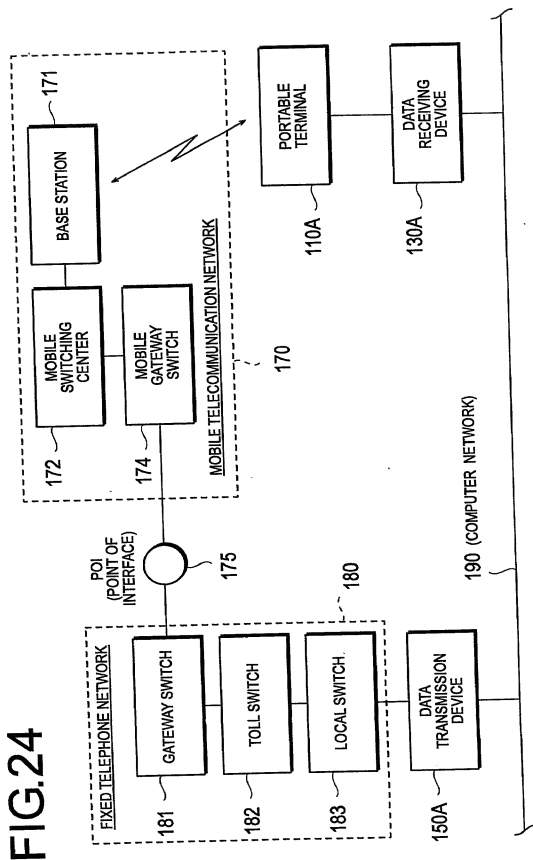




FIG.23



0000133 002501  
105260 29219660



# FIG.25

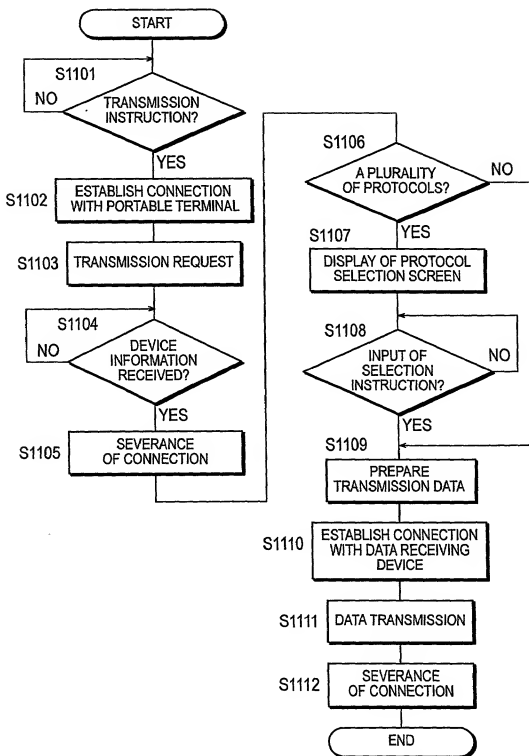


FIG.26

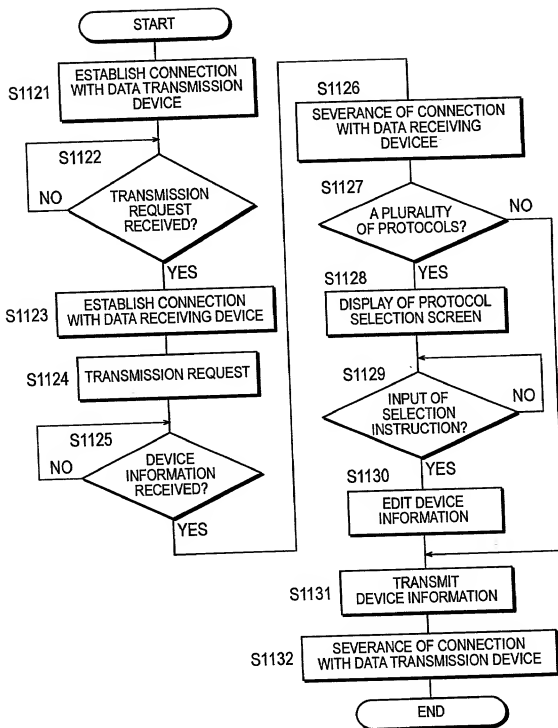
CONNECTION INFORMATION	PROTOCOL	IDENTIFICATION CODE	DATE FORMAT
	TCP/IP	IP ADDRESS	
	FTP	SERVER NAME DIRECTORY PASSWORD	PAGE DESCRIPTION LANGUAGE A PAGE DESCRIPTION LANGUAGE B BITMAP DATA
	IFAX	E-MAIL ADDRESS	TIFF-F COMPRESSION
	IPP	E-MAIL ADDRESS	TIFF-F COMPRESSION
	LPR	IP ADDRESS	PAGE DESCRIPTION LANGUAGE A PAGE DESCRIPTION LANGUAGE B
	FAX	FACSIMILE NUMBER	CONFORM TO FAX
	HTTP	URL (SERVER NAMEDIRECTORY) PASSWORD	JPEG TIFF
SPECIFICATION INFORMATION	ITEM	CONTENTS	
	PRINTING RESOLUTION	600 DPI	
	PRINTING MODE	COLOR/MONOCROMATIC	
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B	
	PAPER SIZE	A4, A3, LETTER, LEGAL	

## FIG.27

TRANSMISSION METHOD	TRANSMISSION FORMAT
FTP TRANSMISSION	STORE IN THE BUILT-IN STORAGE UNIT
FTP TRANSMISSION	COLOR/MONOCROMATIC PRINTING
LPR TRANSMISSION	PAGE DESCRIPTION LANGUAGE A
	COLOR/MONOCROMATIC PRINTING
LPR TRANSMISSION	PAGE DESCRIPTION LANGUAGE B
	COLOR/MONOCROMATIC PRINTING
IFAX TRANSMISSION	MONOCROMATIC PRINTING
IPP TRANSMISSION	MONOCROMATIC PRINTING
FAX TRANSMISSION	MONOCROMATIC PRINTING
HTTP TRANSMISSION	BROWSER DISPLAY COLOR/MONOCROMATIC

0961363 092501  
105220 2921960

# FIG.28

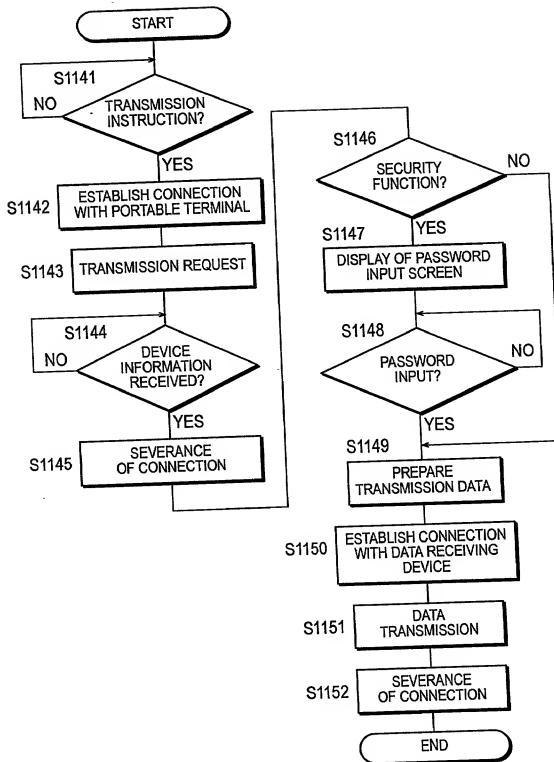


105260-29E1960

FIG.29

CONNECTION INFORMATION	PROTOCOL	IDENTIFICATION CODE		DATE FORMAT
		URL (SERVER NAME/DIRECTORY) PASSWORD		
	HTTP			JPEG TIFF
	ITEM	CONTENTS		
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI		
	PRINTING MODE	COLOR/MONOCHROMATIC		
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B		
	PAPER SIZE	A4, A3, LETTER, LEGAL		

# FIG.30



105216-293560



FIG.31

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	COLOR/MONOCHROMATIC
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B
	PAPER SIZE	A4, A3, LETTER, LEGAL
	SECURITY	PASSWORD

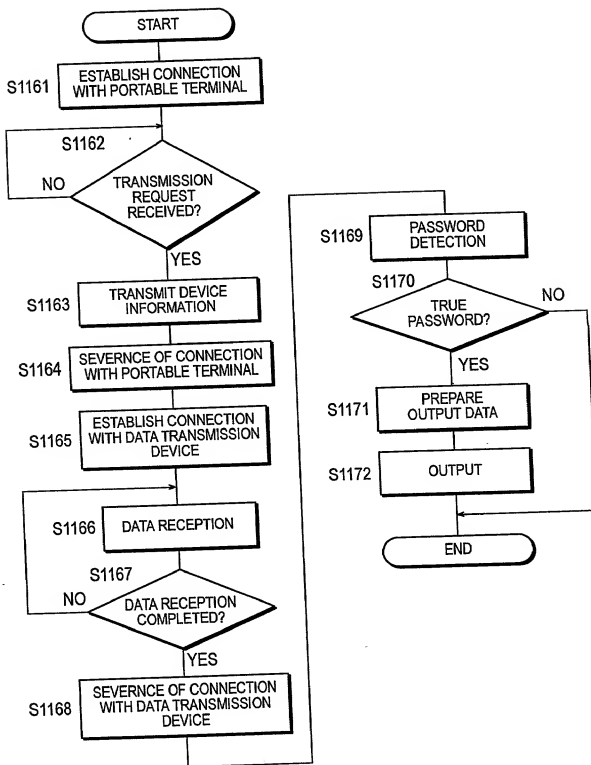
FIG.32

PASSWORD INPUT (UP TO 8 CHARACTERS)

\*\*\*\*\*

1	2	3	4	5	6	7	8	9	0
A	B	C	D	E	F	G	H	I	J
K	L	M	N	O	P	Q	R	S	T
U	V	W	X	Y	Z				

FIG.33



# THE NEW YORK PUBLIC LIBRARY

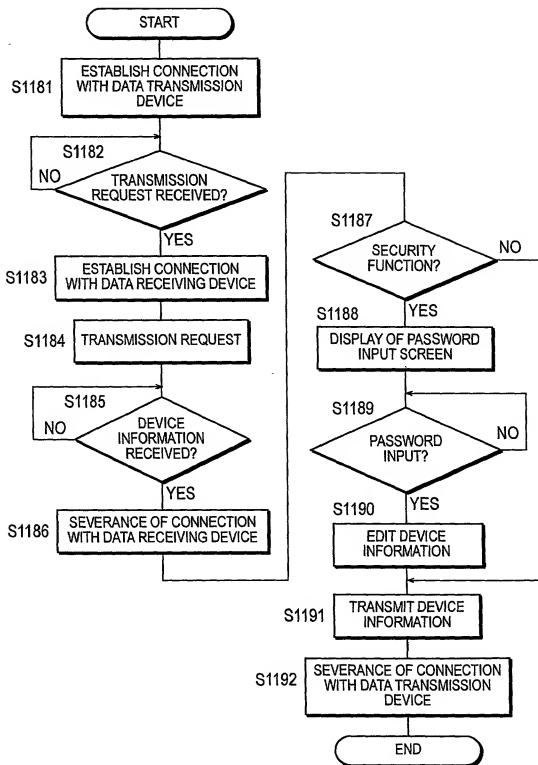


FIG.35

PASSWORD INPUT (UP TO 8 CHARACTERS)

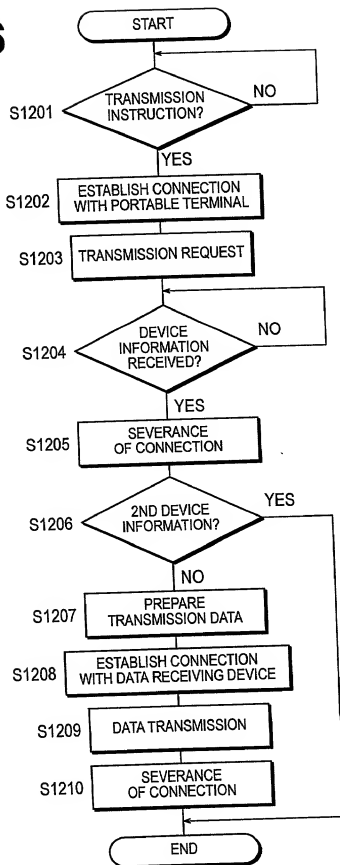
\*\*\*\*\*

FIG.38

TRANSMISSION REQUEST IS RECEIVED .  
DO YOU WANT TO TRANSMIT THE DATA?

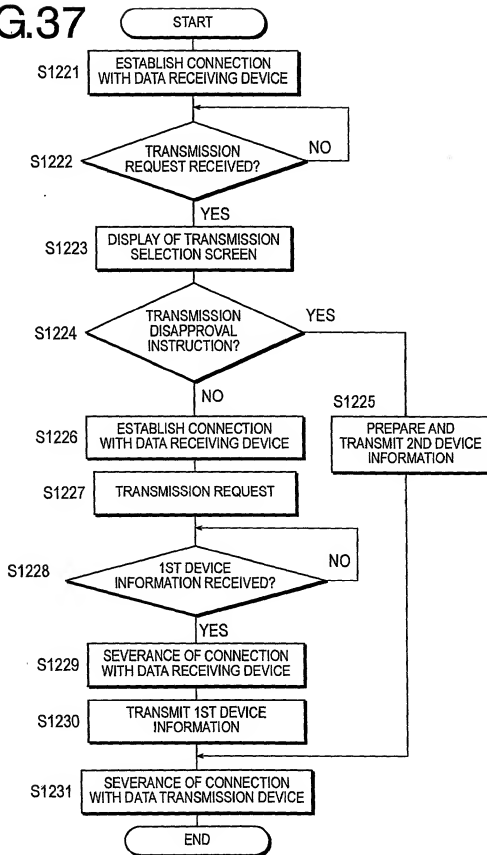
YES NO

FIG.36



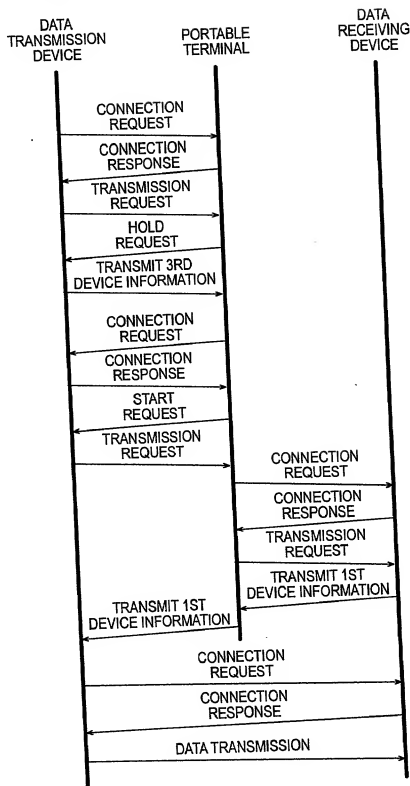
00001200 000001

FIG.37



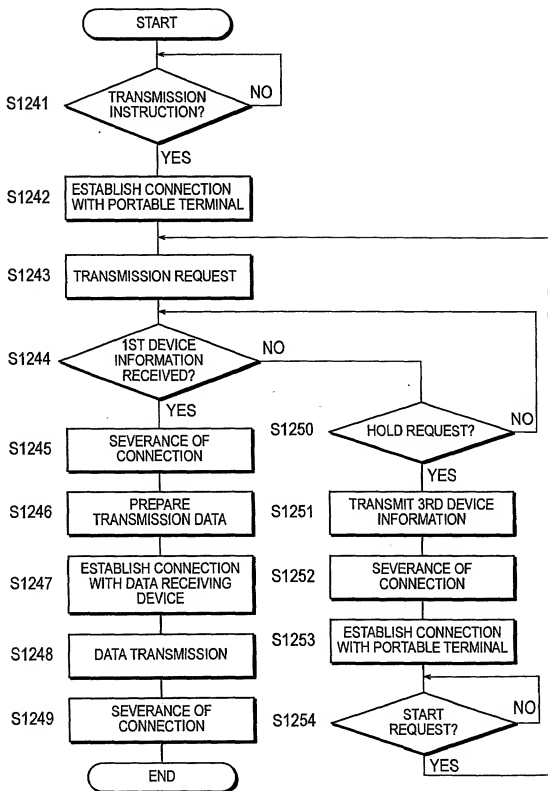
0961363.002501

# FIG.39



105260-23E19660

# FIG.40



1002260-23219260



# FIG.41

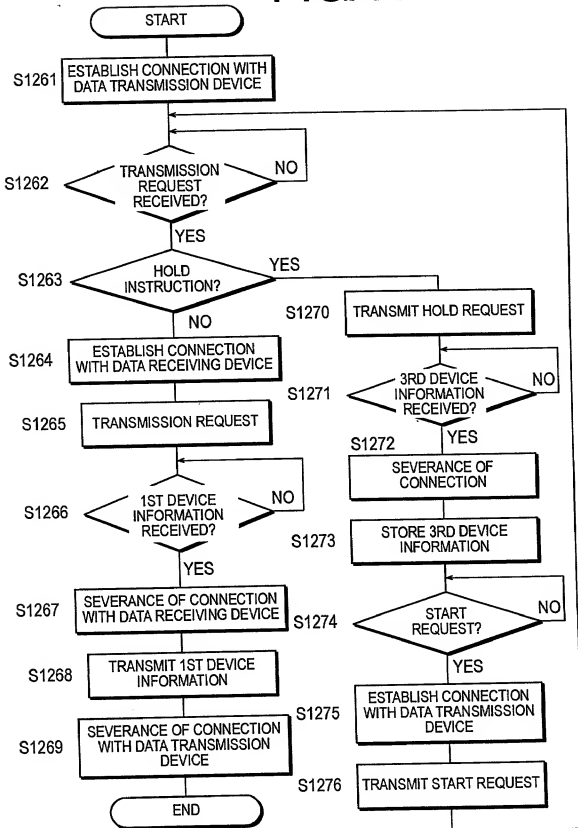


FIG.42

TRANSMISSION REQUEST IS RECEIVED.  
DO YOU WANT TO TRANSMIT THE DATA IMMEDIATELY?

YES

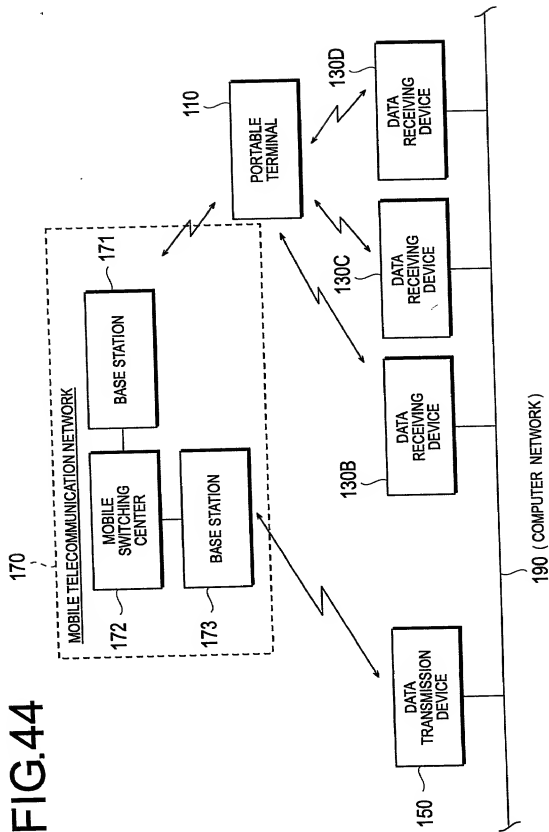
NO

FIG.43

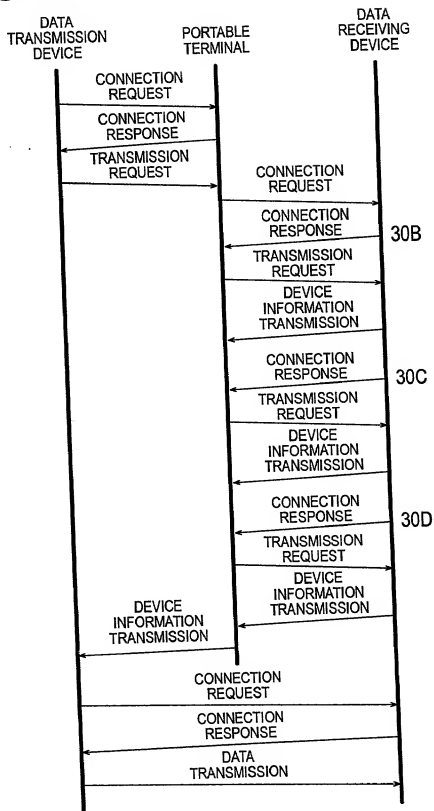
DO YOU WANT TO START TRANSMITTING THE DATA BEING HELD?  
SELECT ONE.

10:00 TRANSMISSION REQUEST 1 OF DATA TRANSMISSION DEVICE  
10:20 TRANSMISSION REQUEST 2 OF DATA TRANSMISSION DEVICE  
10:21 TRANSMISSION REQUEST 3 OF DATA TRANSMISSION DEVICE

FIG.44



# FIG.45



00001367 002501  
105260 39219660

# FIG.46A

DATA RECEIVING DEVICE 30B

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	COLOR/MONOCROMATIC
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B
	PAPER SIZE	A4, A3, LETTER, LEGAL

# FIG.46B

DATA RECEIVING DEVICE 30C

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	MONOCROMATIC
	CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A
	PAPER SIZE	A4, LETTER

# FIG.46C

DATA RECEIVING DEVICE 30D

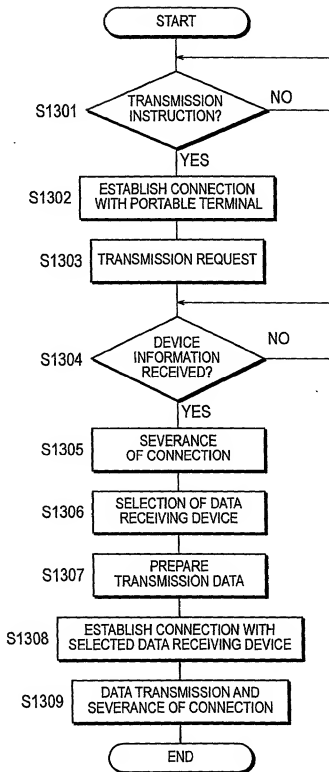
CONNECTION INFORMATION	PROTOCOL	IFAX
	IDENTIFICATION CODE	E-MAIL ADDRESS
	DATA FORMAT	TIFF-F COMPRESSION
SPECIFICATION INFORMATION	PRINTING RESOLUTION	300 DPI
	PRINTING MODE	MONOCROMATIC
	PAPER SIZE	A4, LETTER

# FIG.47

DATA RECEIVING DEVICE 30B	CONNECTION INFORMATION	PROTOCOL	LPR
		IDENTIFICATION CODE	IP ADDRESS
	SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
		PRINTING MODE	COLOR/MONOCROMATIC
		CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A, B
PAPER SIZE		A4, A3, LETTER, LEGAL	
DATA RECEIVING DEVICE 30C	CONNECTION INFORMATION	PROTOCOL	LPR
		IDENTIFICATION CODE	IP ADDRESS
	SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
		PRINTING MODE	MONOCROMATIC
		CONTROL COMMAND (INCLUDING EMULATION MODE)	PAGE DESCRIPTION LANGUAGE A
		PAPER SIZE	A4, LETTER
DATA RECEIVING DEVICE 30D	CONNECTION INFORMATION	PROTOCOL	IFAX
		IDENTIFICATION CODE	E-MAIL ADDRESS
		DATA FORMAT	TIFF-F COMPRESSION
	SPECIFICATION INFORMATION	PRINTING RESOLUTION	300 DPI
		PRINTING MODE	MONOCROMATIC
		PAPER SIZE	A4, LETTER

00961363 00250  
105260 29219660

FIG.48



**QUESTIONS**

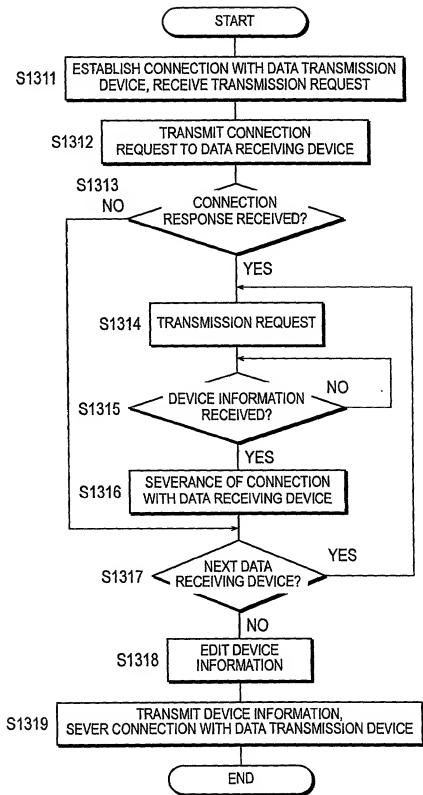
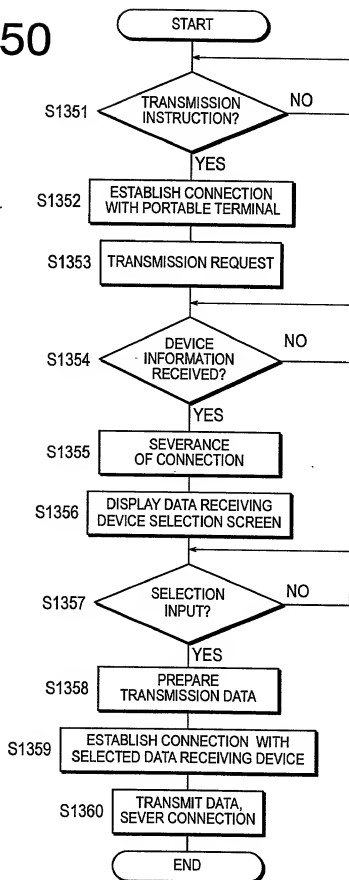




FIG.50

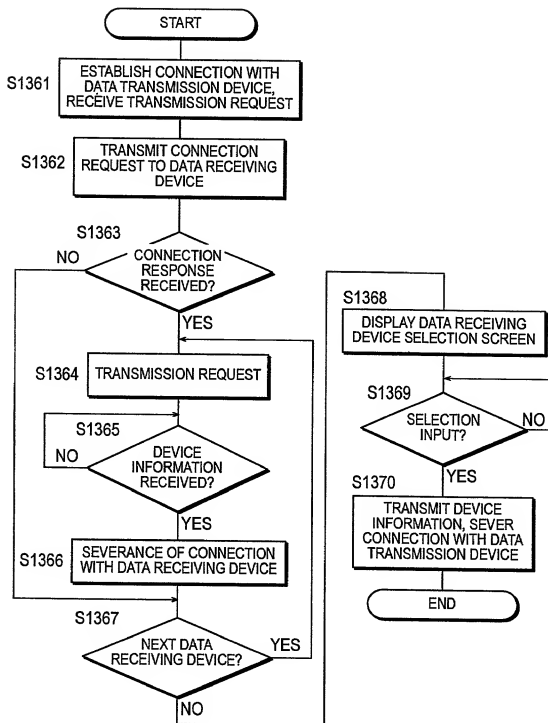


# FIG.51

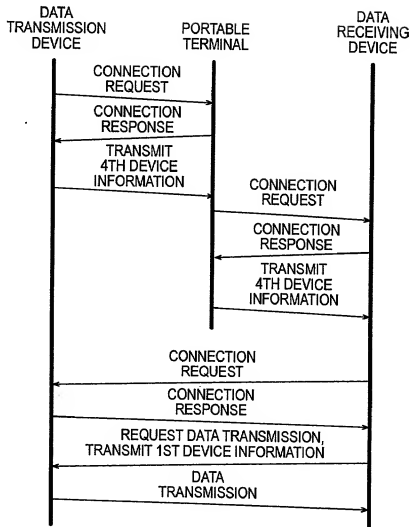
DESTINATION DEVICE  
DEVICE 30B  
DEVICE 30C  
DEVICE 30D

TRANSMISSION FORMAT  
COLOR/MONOCROMATIC PRINTING (600 DPI)  
MONOCROMATIC PRINTING (600 DPI)  
MONOCROMATIC PRINTING (300 DPI)

# FIG.52

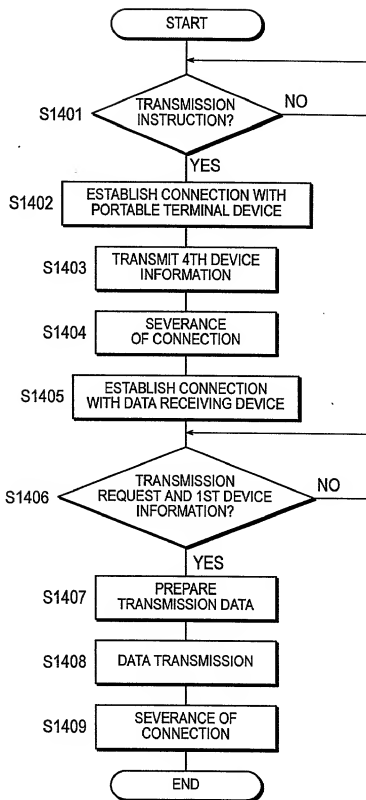


# FIG.53



096133 092501  
105250 29319560

FIG.54



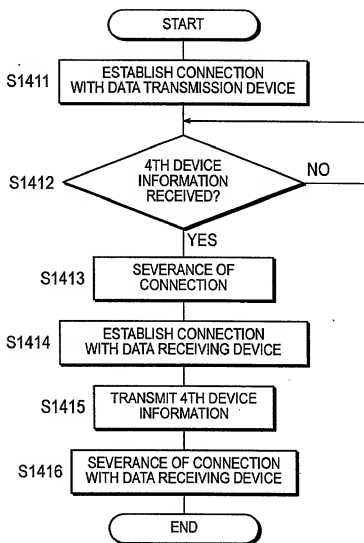


FIG.56

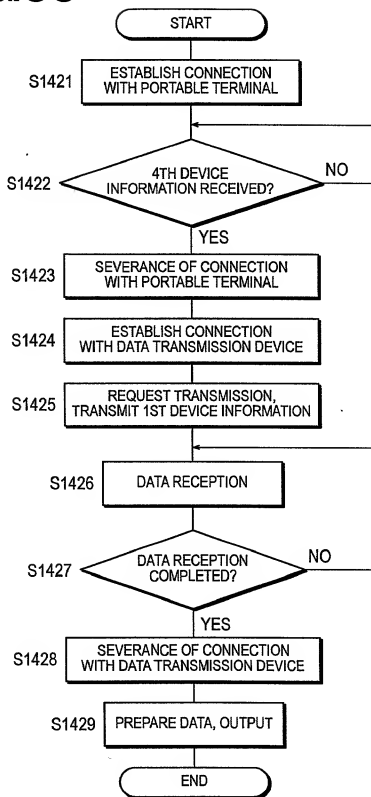
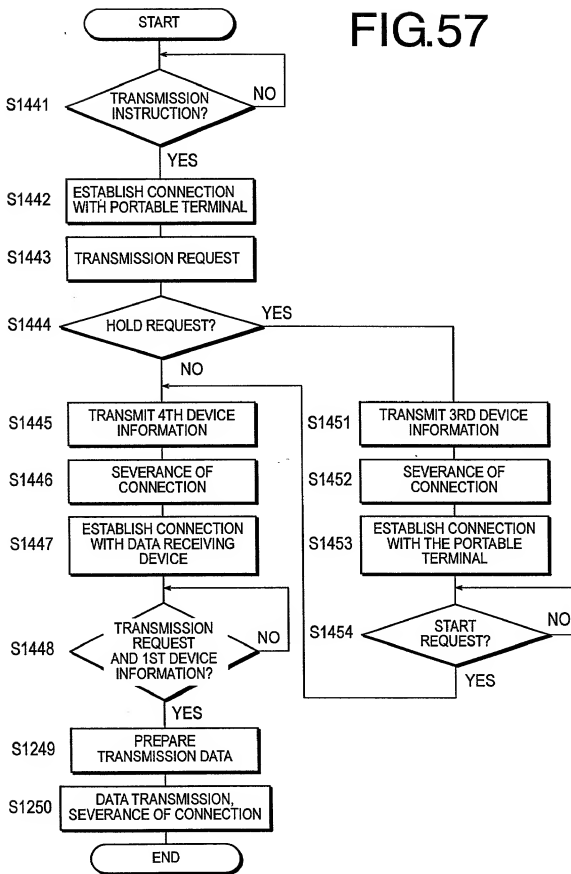


FIG.57





# FIG.58

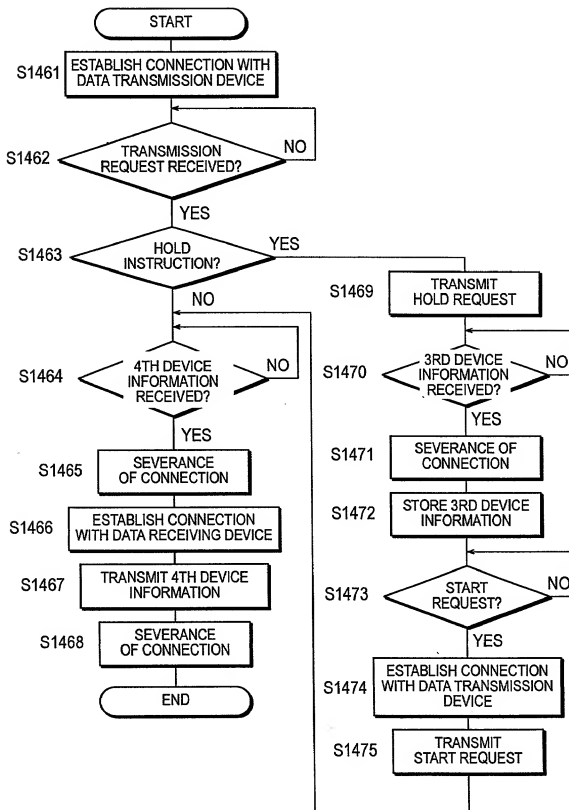
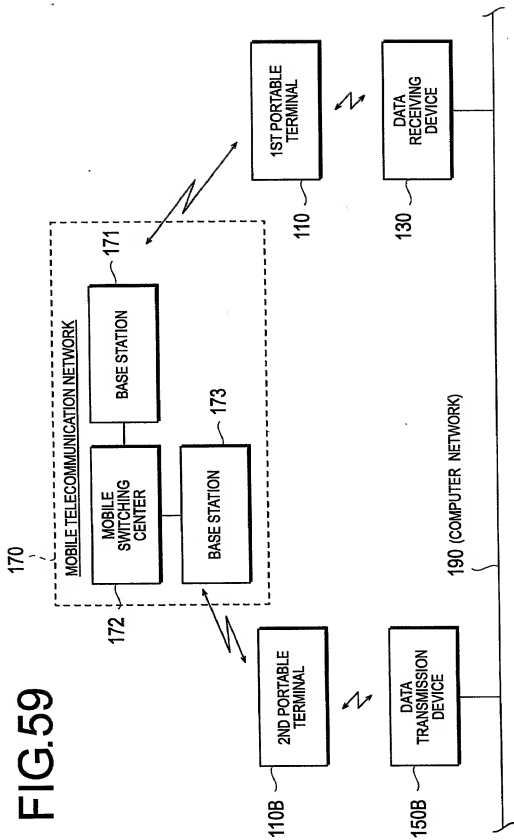
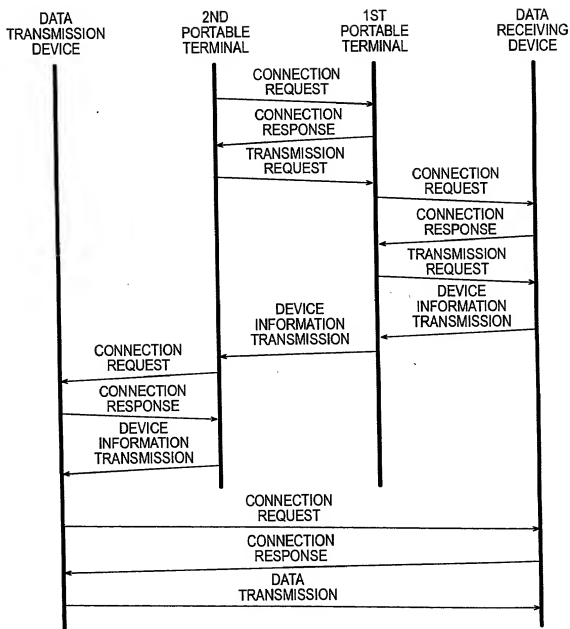


FIG. 59

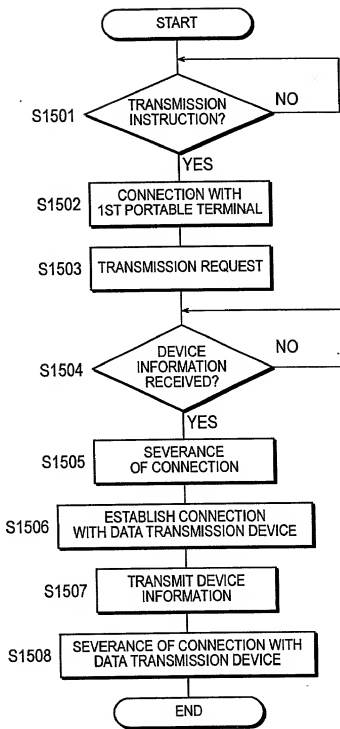


# FIG.60



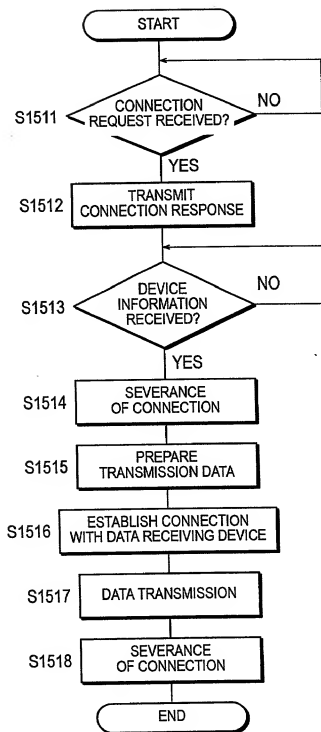
00001367-002501  
102260-23E1660

FIG.61



00961363 002504  
105260-99E19660

FIG.62



0001333 002501  
102260 35119160

FIG.63

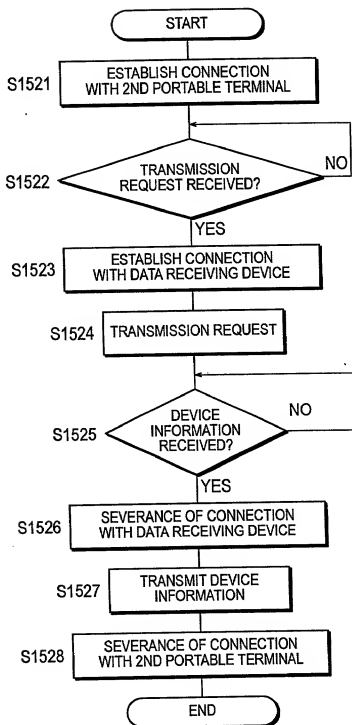
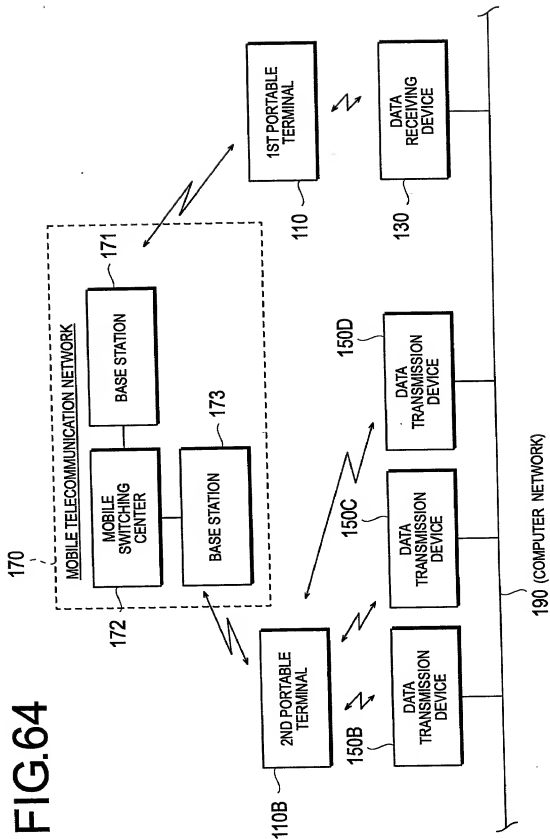
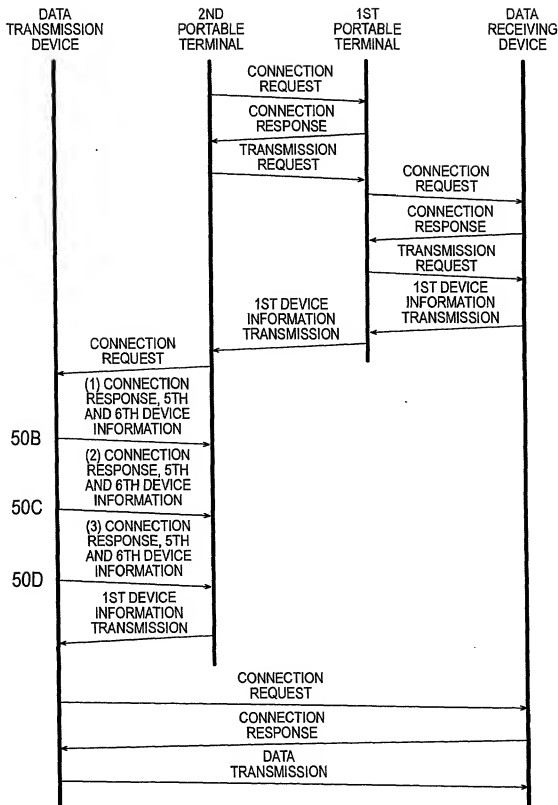


FIG.64



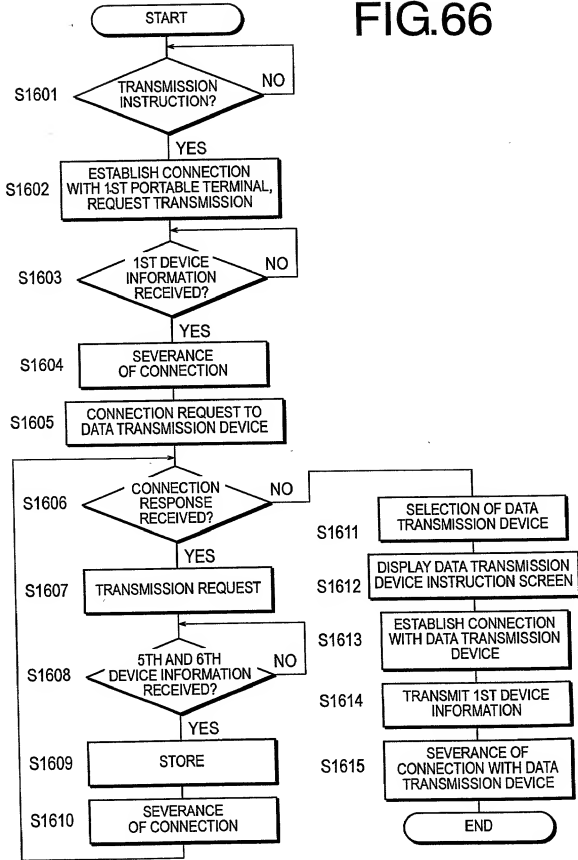
# FIG.65



00951363-002501



# FIG.66



00001353-002501

# FIG.67A

DATA TRANSMISSION DEVICE 50B

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	COLOR/MONOCHROMATIC
	CONTROL COMMAND	PAGE DESCRIPTION LANGUAGE A, B
	PAPER SIZE	A4, A3, LETTER, LEGAL

# FIG.67B

DATA TRANSMISSION DEVICE 50C

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	MONOCHROMATIC
	CONTROL COMMAND	PAGE DESCRIPTION LANGUAGE A
	PAPER SIZE	A4, LETTER

0061363-002501

# FIG.67C

## DATA TRANSMISSION DEVICE 50D

CONNECTION INFORMATION	PROTOCOL	IFAX
	IDENTIFICATION CODE	E-MAIL ADDRESS
	DATA FORMAT	TIFF-F COMPRESSION
SPECIFICATION INFORMATION	PRINTING RESOLUTION	300 DPI
	PRINTING MODE	MONOCHROMATIC
	PAPER SIZE	A4, LETTER

# FIG.67D

## DATA RECEIVING DEVICE 30

CONNECTION INFORMATION	PROTOCOL	LPR
	IDENTIFICATION CODE	IP ADDRESS
SPECIFICATION INFORMATION	PRINTING RESOLUTION	600 DPI
	PRINTING MODE	COLOR/MONOCHROMATIC
	CONTROL COMMAND	PAGE DESCRIPTION LANGUAGE A, B
	PAPER SIZE	A4, A3, LETTER, LEGAL

105260-99E19660

# FIG.68

PLEASE TRANSMIT DATA FROM DATA TRANSMISSION DEVICE 50B.

# FIG.71

SOURCE DEVICE  
DEVICE 50B  
DEVICE 50C  
DEVICE 50D

TRANSMISSION FORMAT  
COLOR/MONOCHROMATIC PRINTING (600 DPI)  
MONOCHROMATIC PRINTING (600 DPI)  
MONOCHROMATIC PRINTING (300 DPI)

# FIG.69

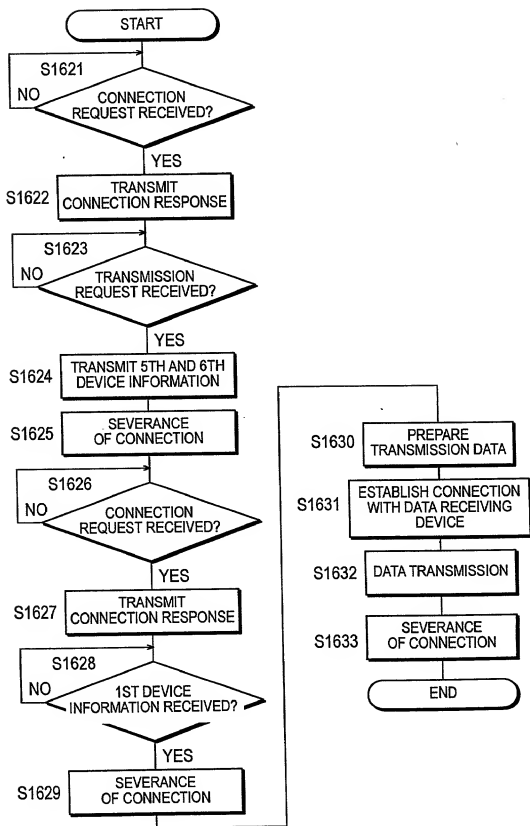


FIG.70

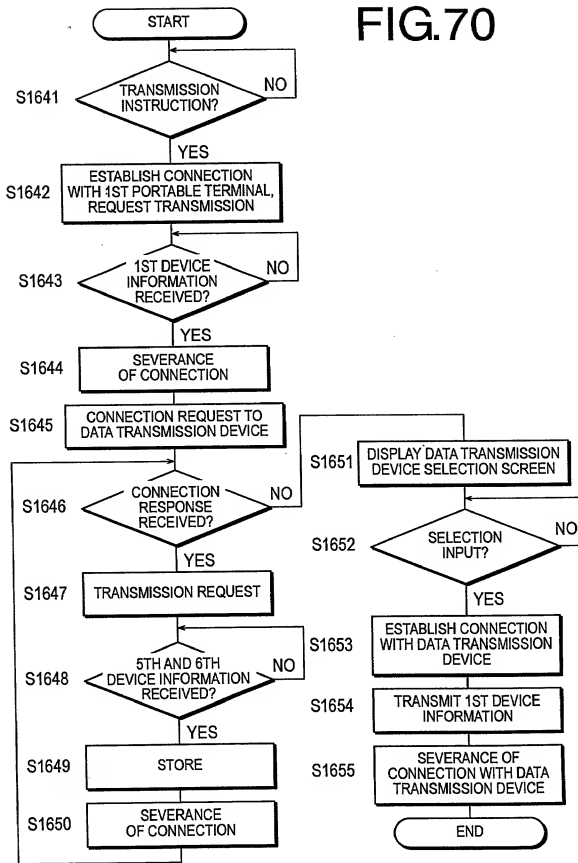


FIG. 2

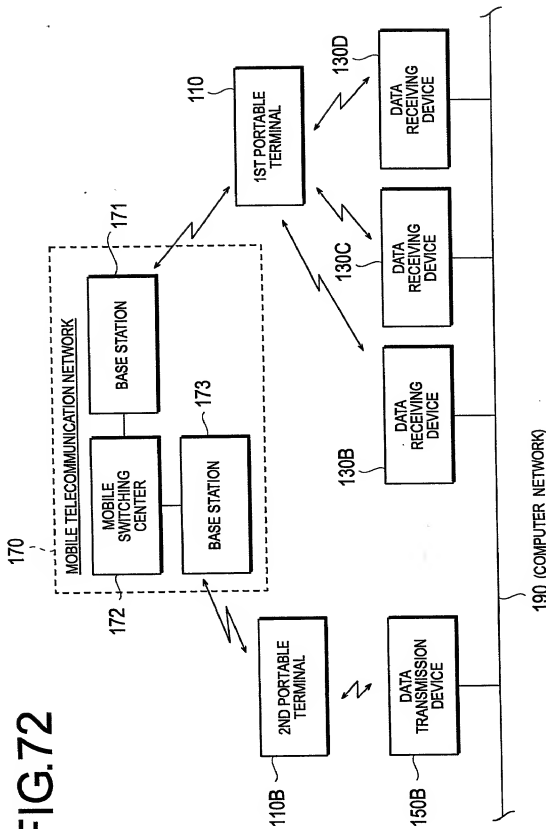
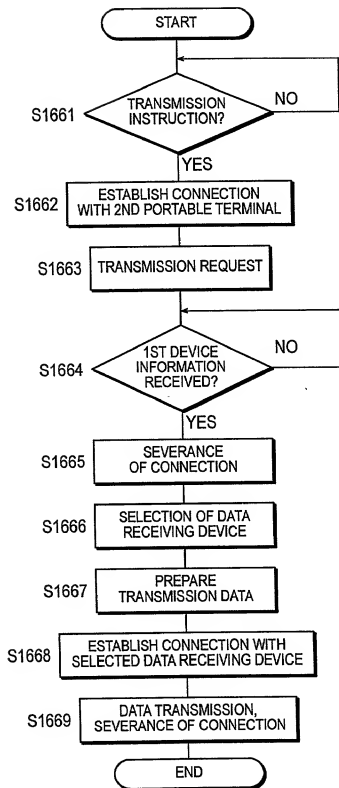


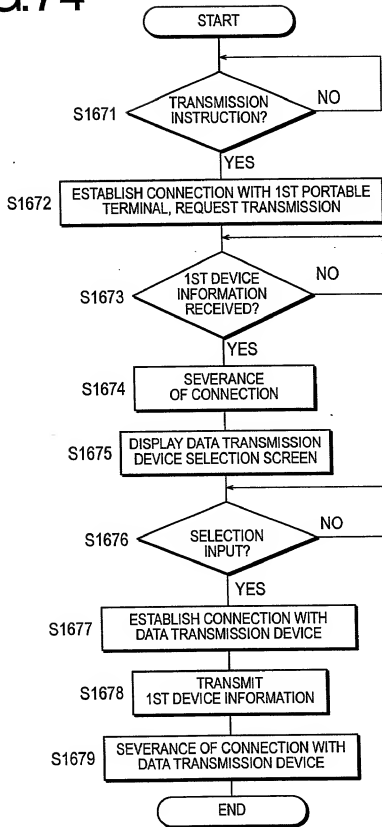
FIG.73



000133 002501  
105260 3331366

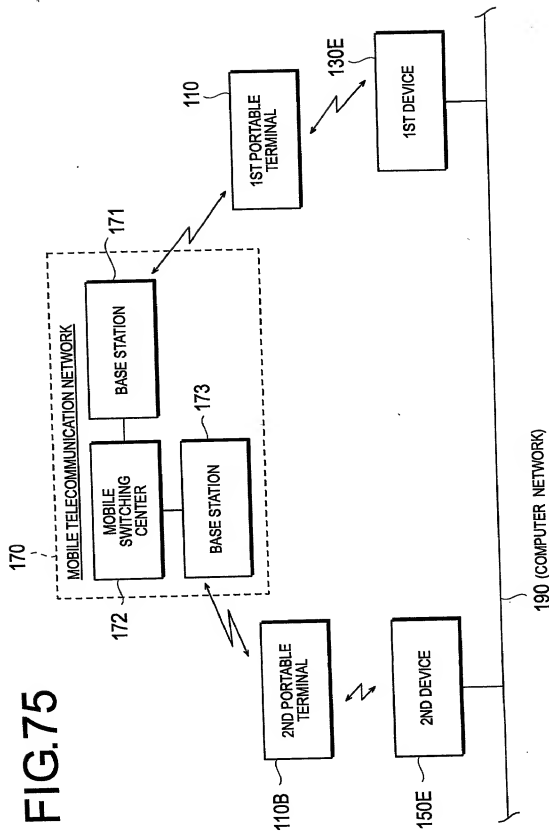


FIG.74

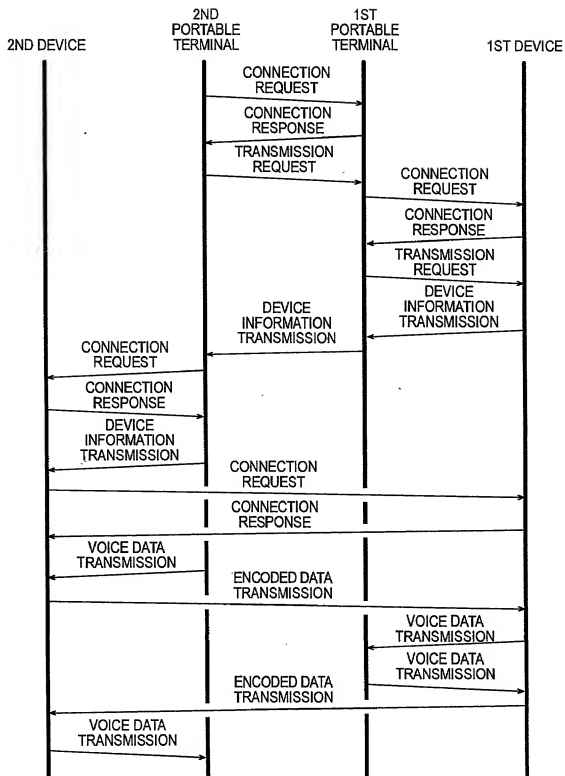


00001353.002504  
105260-391666

FIG.75

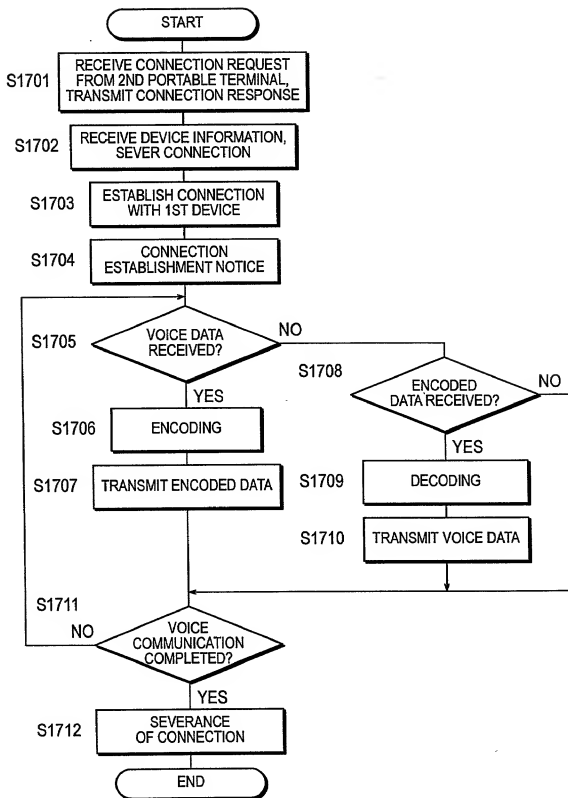


# FIG.76



00961733 002501  
105260-3 921960

1. **Introduction**  
 2. **Background**  
 3. **Methodology**  
 4. **Results**  
 5. **Discussion**  
 6. **Conclusion**  
 7. **References**  
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# FIG.78

	PROTOCOL	IDENTIFICATION CODE
CONNECTION INFORMATION	TCP/IP	IP ADDRESS
	FTP	SERVER NAME DIRECTORY PASSWORD
	HTTP	URL : SERVER NAME DIRECTORY PASSWORD

0961367.002504  
105260.2361660

**FIG.79**

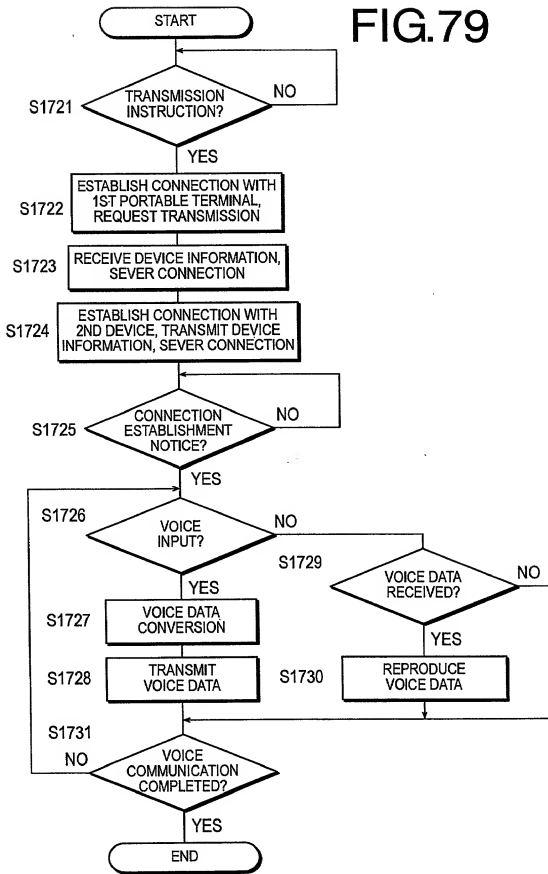
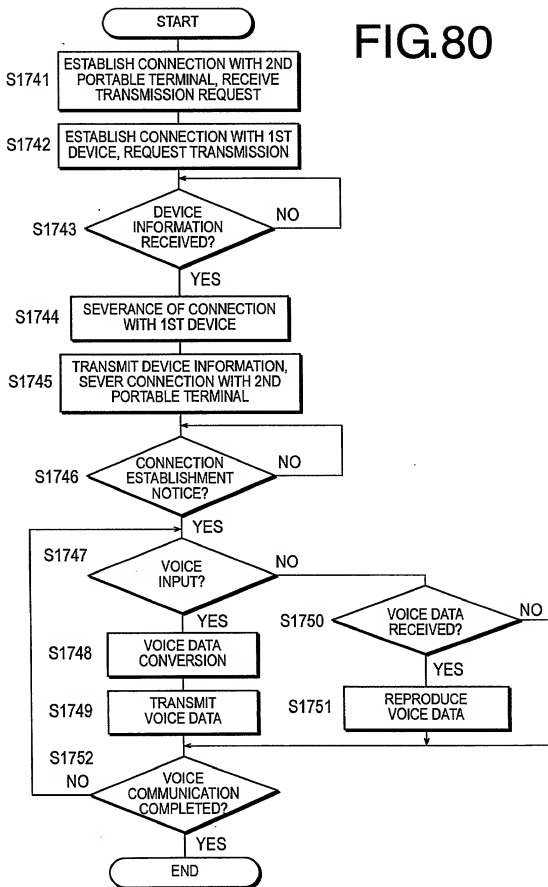


FIG.80



# FIG.81

